IAP15 Rec'd PCT/PTO 16 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DESIGNATED/ELECTED OFFICE (DO/EO/US)  CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		BOE01 080					
		U.S. APPLICATION No. (If known, see 37 CFR 1.5)					
INTERNATIONAL APPLICATION NO. PCT/EP2005/000029	INTERNATIONAL FILING DATE 04 January 2005	PRIORITY DATE CLAIMED					
TITLE OF INVENTION							
COOLING APPARATUS APPLICANT(S) FOR DO/EO/US							
Anton BREIER and Hidetoshi KAMAGATA							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.							
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. The US has been elected (Article 31).							
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. $\overline{X}$ is attached hereto (required only if not communicated by the International Bureau).							
b.  has been communicated by the International Bureau.							
c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
a. is attached hereto.							
b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7., Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
a. are attached hereto (required only if not communicated by the International Bureau).							
b. X have been communicated by the International Bureau.							
c. have not been made; however, the time limit for making such amendments has NOT expired.							

Items 11 to 20 below concern document(s) or information included:

have not been made and will not be made.

An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

1. X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
2. 🔲	An assignment document for recording. A separate cover sheet in o

12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

An English language translation of the annexes of the International Preliminary Examination Report under PCT

13. X A preliminary amendment.

10.

14. An Application Data Sheet under 37 CFR 1.76.

Article 36 (35 U.S.C. 371(c)(5)).

5. A substitute specification.

6. A power of attorney and/or change of address letter.

17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of Information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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". " U/589572"	PCT/EP200	5/000029	BOE01 080			
20. Other items or information:						
The following fees have been submitted	CALCULATIONS	PTO USE ONLY				
21. Basic national fee (37 CFR 1.492(a)	\$ 300.00					
22 X Examination fee (37 CFR 1.492(c))	dr.					
If the written opinion prepared by ISA/US or the i by IPEA/US indicates all claims satisfy p All other situations	\$ 200.00					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the Interna IPEA/US indicates all claims satisfy prov Search fee (37 CFR 1.445(a)(2)) has been paid of International Searching Authority International Search Report prepared by an ISA previously communicated to the US by th All other situations	\$ 400.00					
			900.00			
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			200.00			
Total Sheets Extra Sheets Number of ea						
- 100 = /50 =		x \$250	\$			
Surcharge of \$130.00 for furnishing any of the seafter the date of commencement of the national state.	\$					
CLAIMS NUMBER FILED	NUMBER EXTR	A RATE	\$			
Total claims 12 - 20	:	× \$50	\$ 0.00			
Independent claims 1 -3	•	× \$200 + \$360	\$ 0.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable	\$ 0.00					
TOTAL OF ABOVE CALCULATIONS =			\$ 0.00			
Applicant claims small entity status. See 37	CFR 1.27. Fees above a	re reduced by 1/2.				
SUBTOTAL =			\$ 900.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$			
	\$ 900.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property			\$			
TOTAL FEES ENCLOSED =			\$ 900.00			
			Amount to be refunded:	\$		
			Amount to be charged	\$		

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a. A check in the amount of \$ 900.00 to cover the above	fees is enclosed.			
b. Please charge my Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.	to cover the above fees.			
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1679</u> . A duplicate copy of this sheet is enclosed.				
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:	Wash Contraction			
DUANE MORRIS LLP	SIGNATURE			
1667 K Street, N.W.	Mark C. Comtois			
Suite 700	NAME			
Washington, D.C. 20006	46,285			
Telephone: 202.776.7800	REGISTRATION NUMBER			
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